

January 8, 2008

INSUL-SEAL INSULATED PVC  
LARRY RAVENHORST  
217 HARRISON ST NORTH  
RACINE MN 55967

Re: Description: PIPES, PVC  
Manufacturer: INSUL-SEAL INSULATED PVC  
Product Name: INSUL-SEAL INSULATED PVC PIPE  
Model Number(s): ASTM D-1785 1" SCH 40, SCH 80, SDR 21 17 AND 13.5 WITH R-19 INSULATION; ASTM D-1785 1" SCH 40, SCH 80, SDR 21 17 AND 13.5 WITH R-18 INSULATION; ASTM D-1785 OR ASTM D-2665 1-1/2" SCH 40, SCH 80, SDR 26, 21, 17 AND 13.5 WITH R-15 INSULATION; AND ASTM D-1785  
Product File No: 20080003

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. Comm 82.30 (11) (c) 3 a, b, and c based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of May 2013.**

This alternate approval is contingent upon compliance with the following stipulation(s):

- THE FOLLOWING PRODUCTS ARE ACCEPTABLE FOR INSTALLATION REQUIREMENTS IN ZONES A, B, C AND D - ASTM D-1785 3/4" SCH 40, SCH 80, SDR 21 17, AND 13.5 WITH R-19 INSULATION; ASTM D-1785 1" SCH 40, SCH 80, SDR 21, 17, AND 13.5 WITH R-18 INSULATION; ASTM D-1785 OR ASTM D-2665 2" SCH 40, SCH 80, SDR 26, 17, AND 13.5 ZONE D WITH R-21 INSULATION; ASTM D-1785 OR D-2665 3" SCH 40, SCH 80, SDR 32.5, 26, 21, 17, 13.5 WITH R-17 INSULATION; ASTM F-891 3" SCH 40 CELLCORE WITH R-17 INSULATION; ASTM D-3034 4" SDR 26 WITH R-22 INSULATION AND ASTM D-3034 10" SDR 41, 35, 26 WITH R-16.5 INSULATION
- THE FOLLOWING PRODUCTS ARE ACCEPTABLE FOR INSTALLATION REQUIREMENTS IN ZONES A, B, AND C - ASTM D-1785 OR ASTM D-2665 1-1/2" SCH 40, SCH 80, SDR 26, 21, 17, AND 13.5 WITH R-15 INSULATION; ASTM D-1785 OR ASTM D-2665 2" SCH 40, SCH 80, SDR 26, 17, AND 13.5 WITH R-13 INSULATION; ASTM D-1785 OR ASTM D-2665 4" SCH 40, SCH 80, SDR 41, 32.5, 26, 21, 17, 13.5 WITH R-13 INSULATION; ASTM D-3034 4" SDR 35, 26 WITH R-15 INSULATION; ASTM D-1785 OR ASTM D-2665 6" SCH 40, SCH 80, SDR 32.5, 26, 21, 13.5 WITH R-13 INSULATION; ASTM D-3034 6" SDR 35, 26 WITH R-14 INSULATION AND ASTM D-3034 8" SDR 41, 35, 26 WITH R-14 INSULATION

This approval supersedes the approval issued on 5/7/2003 under product file number 20030143. The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

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